DOCKET NO.: JANS-0084(JAB1747USPCT)

Application No.: 10/524,123

Office Action Dated: October 11, 2007

This listing of claims will replace all prior versions, and listings, of claims in the application.

PATENT

Listing of Claims:

1. (Currently Amended) A compound according to the general Formula (I)

$$(R_1^1)_r$$
 R_2^3 R_3 R_4 R_5 R_6 R_7 R_8 R_8 R_9 R_9 R_9 R_9 R_9

the pharmaceutically acceptable acid or base addition salts thereof, the stereochemically isomeric forms thereof, or the N-oxide form thereof, wherein:

X is CH_2 N-R⁷, S or O;

R⁷ is selected from the group consisting of hydrogen, alkyl, Ar, Ar-alkyl, alkylcarbonyl, alkyloxycarbonyl and mono- and dialkylaminocarbonyl;

B is a radical, optionally substituted with r radicals R', according to anyone of Formula (B-a) or (B-b) and fused to the isoxazolinyl moiety by either of the bond pairs (c,d), (d,e) or (e,f)

wherein

Het is an optionally substituted 5- or 6-membered heterocyclic ring, selected from the group consisting of pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl, furanyl, thienyl, pyrrolyl, oxazolyl, thiazolyl, imidazolyl, pyrazolyl, isothiazolyl, isoxazolyl, oxadiazolyl and triazolyl;

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each R¹ is, independently from each other, selected from the group consisting of hydrogen, hydroxy, amino, nitro, cyano, halo and alkyl and, only when R' is attached to a N-atom, is **further m h e r**-selected from the group of alkyloxyalkyl, alkyloxyalkyl, alkyloxyarbonylalkyl, fonnyl, alkyloxyarbonyl, alkyloxyarbonyl and mono- and dialkylaminocarbonyl;

r is an integer ranging from 0 to 6;

a and b are asymmetric centers;

 $(CH_2)_m$ is a straight hydrocarbon chain of m carbon atoms, m being an integer ranging from 1 to 4;

Pir is a radical according to any one of Formula (IIa), (IIb) or (IIc)

$$(II)$$

$$(R^8)_n$$

$$(B^8)_n$$

$$(B^8)_n$$

$$(B^8)_n$$

$$(C)$$

optionally substituted with n radicals R⁸, wherein:

each R⁸ is independently from each other, selected from the group consisting of hydroxy, amino, nitro, cyano, halo and alkyl;

n is an integer ranging from 0 to 5;

R⁹ is selected from the group consisting of hydrogen, alkyl and formyl;

R³ represents an optionally substituted aromatic homocyclic or heterocyclic ring system together with an optionally substituted and partially or completely hydrogenated hydrocarbon chain of 1 to 6 atoms long with which said ring system is attached to the Pir radical and of which may contain one or more heteroatoms selected from the group of O, N and S;

Ar is phenyl or naphthyl, optionally substituted with one or more halo, cyano, oxo, hydroxy, alkyl, formyl, alkyloxy or amino radicals; and

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alkyl represents a straight or branched saturated hydrocarbon radical having from 1 to 6 carbon atoms or a cyclic saturated hydrocarbon radical having from 3 to 6 carbon atoms, optionally substituted with one or more halo, cyano, oxo, hydroxy, formyl or amino radicals.

2. (Currently Amended) The compound according to claim 1, wherein R³ is a radical according to any one of Formula (IIIa), (IIIb) or (IIIc)

wherein:

- d is a single bond while Z is a bivalent radical selected from the group consisting of -CH₂-, -C(=O)-, -CH(OH)-, -C(=N-OH)-, -CH(alkyl)-, -O-, -S-, -S(=O)-, -NH-and -SH-; or d is a double bond while Z is a trivalent radical of formula =CH- or =C(alkyl)-;
- A is a 5- or 6-membered aromatic homocyclic or heterocyclic ring, selected from the group consisting of phenyl, pyranyl, pyridinyl, pyrazinyl, pyrimidinyl, pyridazinyl, thienyl, isothiazolyl, pyrrolyl, imidazolyl, pyrazolyl, furanyl, oxadiazolyl and isoxazolyl;
- P is an integer ranging from 0 to 6;
- R⁴ and R⁵ are each, independently from each other, selected from the group consisting of hydrogen, alkyl, Ar, biphenyl, halo and cyano; or
- R⁴ and R⁵ may be taken together to form a bivalent radical -R⁴-R⁵- selected from the group consisting of -CH₂-, =CH-, -CH₂-CH₂-, -CH=CH-, -O-, -NH-,

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=N-, -S-, -CH₂N(-alky1)-, -N(-alkyl)CH₂-, -CH₂NH-, -NHCH₂-, -CH=N-, -N=CH-, -CH₂O- and -OCH₂-;

each R⁶ is independently from each other, selected from the group consisting of hydroxy, amino, nitro, cyano, halo, carboxyl, alkyl, Ar, alkyloxy, Ar-oxy, alkylcarbonyloxy, alkyloxycarbonyl, alkylthio, mono- and di(alkyl)amino, alkylcarbonylamino, mono- and di(alkyl)aminocarbonylrnono- and di(alkyl)arninocarbonyl, mono- and

 $\label{eq:dialkyl} di(alkyl) aminocarbonyloxy, mono- \ and \ di(alkyl) aminoalkyloxy\ ; \ or$ two vicinal radicals R^6 may be taken together to form a bivalent radical

-R⁶-R⁶- selected from the group consisting of -CH₂-CH₂-O-, -O-CH₂-CH₂-,

-O-CH₂-C(=O)-, -C(=O)-CH₂-O-, -O-CH₂-O-, -CH₂-O-CH₂-, -O-CH₂-

CH₂-O-, -CH=CH-CH=CH-, -CH=CH-CH=N-, -CH=CH-N=CH-,

-CH=N-CH=CH-, -N=CH-CH=CH-, -CH₂-CH₂-, -CH₂-CH₂-C(=O)-,

-C(=O)-CH₂-CH₂-, -CH₂-C(=O)-CH₂-and -CH₂-CH₂-CH₂-CH₂ and

R¹⁶ is selected from the group consisting of hydrogen, alkyl, Ar and Ar-alkyl.

- 3. (Previously Presented) The compound according to claim 2, wherein X = O; m = 1; B is a radical according to Formula (B-a) or (B-b), Pir is a radical according to Formula (IIa) wherein n = 0; R^3 is a radical according to according to any one of Formula (IIIa), (IIIb) or (IIIc) wherein d is a double bond while Z is a trivalent radical of formula =CH- or =C(alkyl)-; A is a phenyl ring; R^4 is hydrogen or alkyl; R^5 and R^{16} are each hydrogen; R^6 is hydrogen or halo and R^{16} are each hydrogen.
- 4. (Previously Presented) A compound according to claim 1 wherein Het is selected from the group consisting of pyridinyl, thienyl and pyrrolyl, each radical optionally substituted on a N atom with a radical selected from the group consisting of hydrogen, alkyl, hydroxyalkyl, alkyloxyalkyloxyalkyl, alkyloxyarbonylalkyl, alkyloxyarbonyl, alkyloxyarbonyl and alkyloxyalkylcarbonyl.
- 5. (Previously Presented) A compound which is degraded *in vivo* to yield a compound Page 5 of 10

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according to claim 1.

6. (Canceled)

7. (Previously Presented) A method of treating a warm-blooded animal suffering from

depression, anxiety, movement disorders, psychosis, Parkinson's disease, or body

weight disorders comprising administering a therapeutically effective amount of a

compound according to claim 1 to said animal.

8. (Previously Presented) A pharmaceutical composition comprising a

pharmaceutically acceptable carrier and, as active ingredient, a therapeutically

effective amount of a compound according to claim 1.

9. (Previously Presented) A process for making a pharmaceutical composition

comprising mixing a compound according to claim 1 and a pharmaceutically

acceptable carrier.

10. (Previously Presented) A pharmaceutical composition comprising a

pharmaceutically acceptable carrier and, as active ingredient a therapeutically

effective amount of a compound according to claim 1 and one or more other

compounds selected from the group of antidepressants, anxiolytics, anti-psychotics

and anti-Parkinson's disease drugs.

11. (Canceled)

12. (Canceled)

13. (Previously Presented) A process for making a pharmaceutical composition

comprising mixing a compound according to claim 1 and a compound selected from

the group of antidepressants, anxiolytics, antipsychotics and anti-Parkinson's disease

drugs and a pharmaceutically acceptable carrier.

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